Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A biological sample storage device for storing and testing blood or blood products, comprising:

a container for receiving and storing blood or blood products; and

~~at least one~~ two or more compartments for testing the blood or blood products, wherein ~~said~~ each of the compartments comprises:

at least a first section for holding a portion of the blood or blood products, and optionally for testing the portion of the blood or blood products, and

wherein each of the compartments is arranged as a protruding element from the container.

2. (Currently Amended) The device according to claim 1, wherein the first section of each of the compartments is arranged contiguous to the container so that the blood products can flow from the container to the first section.

3. (Original) The device according to claim 2, wherein the first section is designed such that the first section can be sealed from the container so that the blood products sealed into the first section can be used for testing.

4. (Currently Amended) The device according to claim 2, ~~further comprising~~ wherein each of the compartments comprises at least one additional section for testing the portion of the blood or blood products held in the first section, said additional section being arranged in sealed contact with another portion of the first section, different from a portion of the first section in contact with the container.

5. (Original) The device according to claim 4, wherein the additional section comprises a pressure sensitive seal between the first section and the additional section that can broken by the application of pressure, such that breaking the seal in the additional section allows mixing of the contents of the first and additional sections.

6. (Canceled) The device according to claim 1, wherein the container comprises a plurality of compartments.

7. (Canceled) The device according to claim 1, wherein each of the compartments is arranged as a protruding element from the container.

8. (Canceled) The device according to claim 7, wherein the first section is arranged contiguous to the container so that the blood products can flow from the container to the first section.

9. (Canceled) The device according to claim 8, wherein the first section is designed such that the first section can be sealed from the container so that the blood products sealed into the first section can be used for testing.

10. (Original) The device according to claim 4, wherein the at least one additional section comprises a second and a third section, the second section being arranged in sealed contact with another portion of the first section, different from a portion of the first section in contact with the container, and wherein the third section being arranged in sealed contact with another portion of the second section, different from a portion of the second section in sealed contact with the first section.

11. (Currently Amended) The device according to claim 10, wherein the second and third sections comprise pressure sensitive seals that can be broken by the application of pressure such that breaking the seal in the second section allows mixing of the contents of the first and second sections and breaking of the seal in the third section allows transfer of the mixed contents of the first and second sections into the third section[[s]].

12. (Original) The device according to claim 11, wherein the second section contains a buffer, wherein said buffer is a lysis buffer or an isotonic buffer.

13. (Original) The device according to claim 11, wherein the third section contains test reagents for testing the transferred mixed contents from the first and second sections.

14. (Original) The device according to claim 13, wherein the test reagents are a catalytic molecule and a reporter sequence.

15. (Original) The device according to claim 14, wherein said catalytic molecule is an inactivated ribozyme, a DNAzyme or a catalytic antibody.

16. (Original) The device according to claim 14, wherein the test reagents are an inactivated ribozyme and an RNA reporter sequence.

17. (Original) The device according to claim 14, wherein at least one of the catalytic molecule and reporter sequence is immobilized to a solid support.

18. (Original) The device according to claim 14, wherein at least one of the catalytic molecule and reporter sequence is in a lyophilized form.

19. (Canceled) The device according to claim 1, wherein the blood products comprise blood platelets.

20-31. (Withdrawn)

32. (New) The device according to claim 1, wherein the device comprises a biological sample.

33. (New) The device according to claim 32, wherein the biological sample comprises blood or a blood product.

34. (New) The device according to claim 33, wherein the blood product comprises blood platelets.